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(54) Title: REAL TIME ASSAY FOR ROTAVIRUS

AAT TAC CCT CAC TAA AGG AAC TAC CAG ATG ATG TAA AGA CTG ATG TTG
AAC AGC AGT TAA ATT CAA TTG ATT TAA TTA ATC CCA TTA ATG CTA TAG
ATG ATA TCG AAT CAT TGA TTA GAA ATT TAA TTC AAG ATT ATG ACA GAA
CAT TTT TAA TGT TAA AAG GAC TTT TGA AGC AAT GCA ACT ATG AAT ATG
CAT ATC CGG AGT CAC ATA ATT TAA AAA TAT TAA CCA TCT ACA CAT GAC
CCT CTA TGA GCA CAA TAG TTA AAA GCT AAC ACT GTC AAA AAC CTA AAT
GGC TAT AGG GGC GTT ATG TGA CC

(57) Abstract: A highly sensitive quantitative reverse transcriptase polymerase chain reaction (qRT-PCR) assay with wide linear dynamic range is useful as a high-throughput screening assay for detecting Rotavirus in clinical samples. The primers and probe specifically detect Rotavirus of all serotypes. The assay is particularly useful as a screening assay for determining the cause of diarrhea.



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